



South Dakota State University

United States[™]
Census
Bureau



Exploring South Dakota Data Online

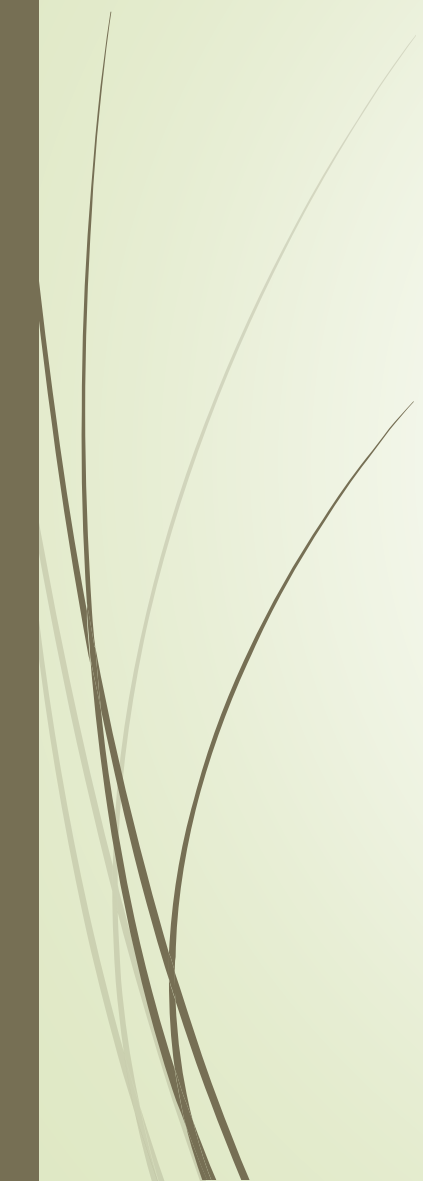
Mary Killsahundred

South Dakota State University

Demography Conference 2015

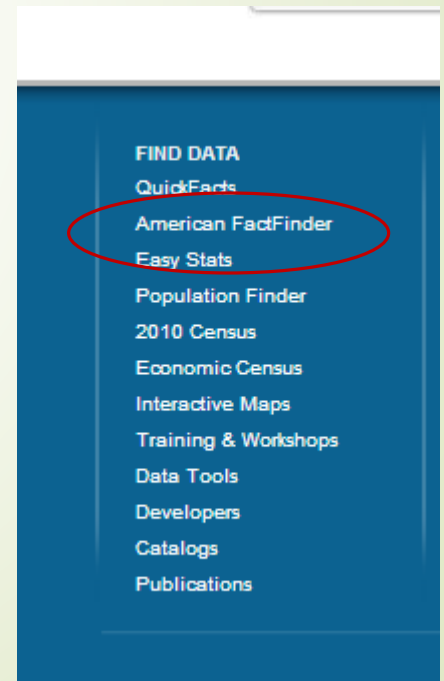


Sites to browse through

- American FactFinder
 - On The Map
 - Bureau of Labor Statistics
 - BIA Labor Force Report
- 

Navigating FactFinder

- A data retrieval tool available to the public that allows anyone to obtain data from US Census products



U.S. Department of Commerce
United States Census Bureau

AMERICAN
FactFinder

Feedback FAQs Glossary Help

MAPCOMMUNITY FACTSGUIDED SEARCHADVANCED SEARCHDOWNLOAD CENTEREnglishEspañol

▼ **Community Facts**

Find needed facts (population, income, etc.) and frequently requested data about your community.

Enter a state, county, city, town, or zip code:

► **Guided Search**

► **Advanced Search**

► **Download Center**



American FactFinder provides access to data about the United States, Puerto Rico and the Island Areas. The data in American FactFinder come from several censuses and surveys. For more information see [Using FactFinder](#) and [What We Provide](#).

Using American FactFinder
Learn about American FactFinder's functions and features.

News and Notes



June 26, 2014
2012 County Business Patterns data are now available!

◀ ▶ 🔍 📄 📊 📈

[View all news, release schedules, and more »](#)

Quick Data

Population

Age

Business and Industry

Education

Governments

Housing

Income

Origins and Language

Poverty

Race and Hispanic Origin

Veterans

Show All

Rapid City city, South Dakota

Population

Census 2010 Total Population

67,956 Source: 2010 Demographic Profile

[Bookmark/Save](#) | [Print](#)

Popular tables for this geography:

2010 Census

- [General Population and Housing Characteristics \(Population, Age, Sex, Race, Households and Housing, ...\)](#)
- [Race and Hispanic or Latino Origin](#)
- [Hispanic or Latino by Type \(Mexican, Puerto Rican, ...\)](#)
- [Households and Families \(Relationships, Children, Household Size, ...\)](#)

2013 American Community Survey

- [Demographic and Housing Estimates \(Age, Sex, Race, Households and Housing, ...\)](#)

2014 Population Estimates Program

- [Annual Population Estimates](#)

Census 2000

- [General Demographic Characteristics \(Population, Age, Sex, Race, Households and Housing, ...\)](#)

• [Want more?](#) Need help? Use [Guided Search](#) or visit [Census.gov's Quick Facts](#).

Advanced Data Searches

- First Step- Looking at the geographic level

Nation

Region

State

County

County Subdivision ←

ZIP Code

Tract


Block Group

Block

Township

Place (City, Town, CDP)

Congressional District



Next Step-Choosing a data set

Decennial Census (SF1 or SF2) ←

2010
2000

American Community Survey ←

1 – Year Estimates (2005-11)
3 – Year Estimates (2007-11)
5 – Year Estimates (2009-13)

Variety of Other Data Sets including:

Business Patterns

Economic Census

Etc.

Your Selections

Search using...

Place within State
Rapid City city, South Dakota

[clear all selections and start a new search](#)

[load search](#) | [save search](#)

Search using the options below:

Topics

(age, income, year, dataset, ...)

Geographies

(states, counties, places, ...)

Race and Ethnic Groups

(race, ancestry, tribe)

Industry Codes

(NAICS industry, ...)

EEO Occupation Codes

(executives, analysts, ...)

Search Results: 1-25 of 26,012 tables and other products match "Your Selections"

per page: 25

Refine your search results:

topic or table name

state, county or place (optional)

GO

?

☒ topics ☐ race/ancestry ☐ industries ☐ occupations

Selected:



View



Download



Compare



Clear All



Reset Sort

?



1

2

3

4

5



Show results from:

All available years

All available programs

	ID	Table, File or Document Title	Dataset	About
<input type="checkbox"/>	S0101	AGE AND SEX	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0102	POPULATION 60 YEARS AND OVER IN THE UNITED STATES	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0103	POPULATION 65 YEARS AND OVER IN THE UNITED STATES	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0501	SELECTED CHARACTERISTICS OF THE NATIVE AND FOREIGN-BORN POPULATIONS	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0502	SELECTED CHARACTERISTICS OF THE FOREIGN-BORN POPULATION BY PERIOD OF ENTRY INTO THE UNITED STATES	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0503	SELECTED CHARACTERISTICS OF THE FOREIGN-BORN POPULATION BY REGION OF BIRTH: EUROPE	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0504	SELECTED CHARACTERISTICS OF THE FOREIGN-BORN POPULATION BY REGION OF BIRTH: AFRICA, NORTHERN AMERICA, AND OCEANIA	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0505	SELECTED CHARACTERISTICS OF THE FOREIGN-BORN POPULATION BY REGION OF BIRTH: ASIA	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0506	SELECTED CHARACTERISTICS OF THE FOREIGN-BORN POPULATION BY REGION OF BIRTH: LATIN AMERICA	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0601	SELECTED CHARACTERISTICS OF THE TOTAL AND NATIVE POPULATIONS IN THE UNITED STATES	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0701	GEOGRAPHIC MOBILITY BY SELECTED CHARACTERISTICS IN THE UNITED STATES	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0801	COMMUTING CHARACTERISTICS BY SEX	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0802	MEANS OF TRANSPORTATION TO WORK BY SELECTED CHARACTERISTICS	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0804	MEANS OF TRANSPORTATION TO WORK BY SELECTED CHARACTERISTICS FOR WORKPLACE GEOGRAPHY	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0901	CHILDREN CHARACTERISTICS	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S0902	CHARACTERISTICS OF TEENAGERS 15 TO 19 YEARS OLD	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S1001	GRANDCHILDREN CHARACTERISTICS	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S1002	GRANDPARENTS	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S1101	HOUSEHOLDS AND FAMILIES	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S1201	MARITAL STATUS	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S1251	CHARACTERISTICS OF PEOPLE WITH A MARITAL EVENT IN THE LAST 12 MONTHS	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S1301	FERTILITY	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S1401	SCHOOL ENROLLMENT	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S1501	EDUCATIONAL ATTAINMENT	2014 ACS 1-year estimates	i
<input type="checkbox"/>	S1601	LANGUAGE SPOKEN AT HOME	2014 ACS 1-year estimates	i

Selected:



View



Download



Compare



Clear All



Reset Sort

?



1

2

3

4

5





A look at the data instruments

[2010 Decennial Census Form](#)

[American Community Survey](#)





What is the American Community Survey?

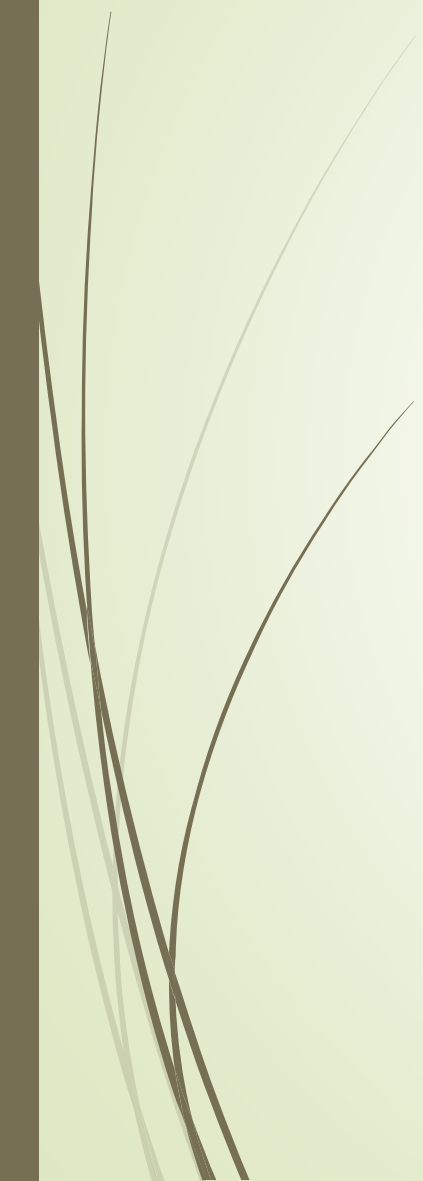
A continuous survey that produces profiles and characteristics of areas.

- produces estimates(1,3, and 5 year)for small geographic areas and small population groups.
- Samples approx. 3 million addresses per year.

➤ What does this mean for South Dakota?



Purpose of the American Community Survey

- Supplemental to the decennial census
 - Provide estimates of the population to create a portrait of the area
 - Does not provide a **count** of the population
- 




1, 3 or 5 year estimates?

- 1 year estimates
 - Most current
 - Useful for larger populations (65,000+)
- 3 year estimates
 - If 1 year estimate is not available
 - Useful for populations of 20,000+
- 5 year estimates
 - Least current but most reliable
 - Useful for all population area sizes

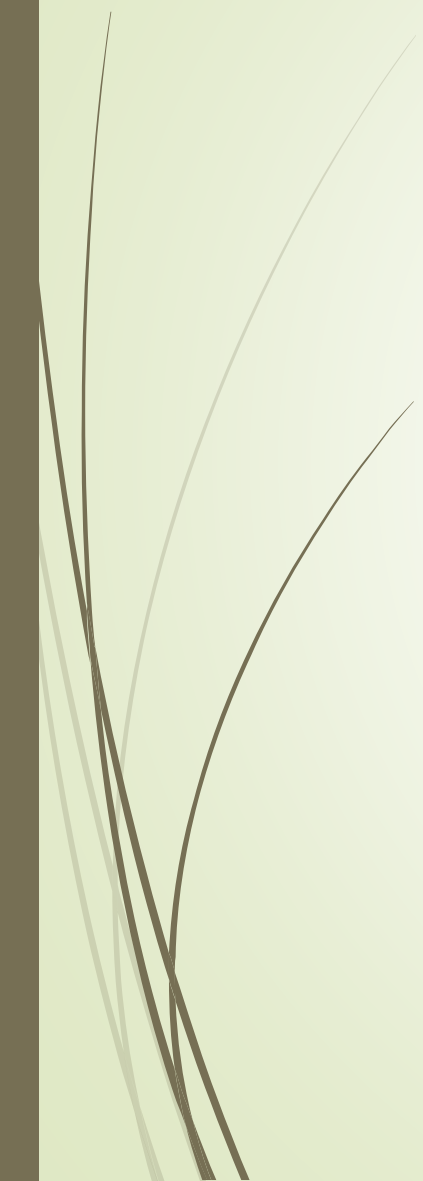


What about Margins of Error?

- The Margin of Error is not the chance a mistake was made.
- The Margin of Error measures the variation in the random samples due to chance.
- Because not all housing units were surveyed, the results could be “off” by a certain amount by chance



Margins of Error in Indian Country

- In most reservation areas, one in every two households received the long form in 2000
 - Smaller sample size means that the potential for sampling error is greater
 - Smaller sample size means that the Census Bureau has to add up the responses over several years before it can publish data it considers accurate for smaller geographic areas.
- 

81 of 81

Subject	Pine Ridge CDP, South Dakota			
	Estimate	Margin of Error	Percent	Percent Margin of Error
SEX AND AGE				
Total population	3,710	+/-543	3,710	(X)
Male	1,874	+/-281	50.5%	+/-3.8
Female	1,836	+/-327	49.5%	+/-3.8
Under 5 years	548	+/-159	14.8%	+/-3.6
5 to 9 years	348	+/-110	9.4%	+/-2.6
10 to 14 years	446	+/-151	12.0%	+/-3.3
15 to 19 years	395	+/-117	10.6%	+/-2.7
20 to 24 years	214	+/-99	5.8%	+/-2.5
25 to 34 years	530	+/-142	14.3%	+/-3.1
35 to 44 years	436	+/-124	11.8%	+/-3.0
45 to 54 years	323	+/-137	8.7%	+/-3.6
55 to 59 years	222	+/-117	6.0%	+/-3.2
60 to 64 years	115	+/-90	3.1%	+/-2.4
65 to 74 years	74	+/-50	2.0%	+/-1.3
75 to 84 years	24	+/-33	0.6%	+/-0.9
85 years and over	35	+/-35	0.9%	+/-0.9
Median age (years)	22.4	+/-5.1	(X)	(X)
18 years and over	2,081	+/-323	56.1%	+/-5.1
21 years and over	1,878	+/-306	50.6%	+/-5.0
62 years and over	233	+/-111	6.3%	+/-2.9
65 years and over	133	+/-63	3.6%	+/-1.6



On The Map


- Interactive mapping tool
- Currently appearing in its 6th Version
- Includes Census Blocks and other geographies:
 - Counties
 - Cities and Towns
 - Reservations



What On the Map is used for...

- Provides information about **Workers**
 - Where they work
 - Where they live
 - Race, ethnicity, sex, age, earnings, industry, and educational attainment

Presents data using: maps, reports,
and/or charts from 2002-2013

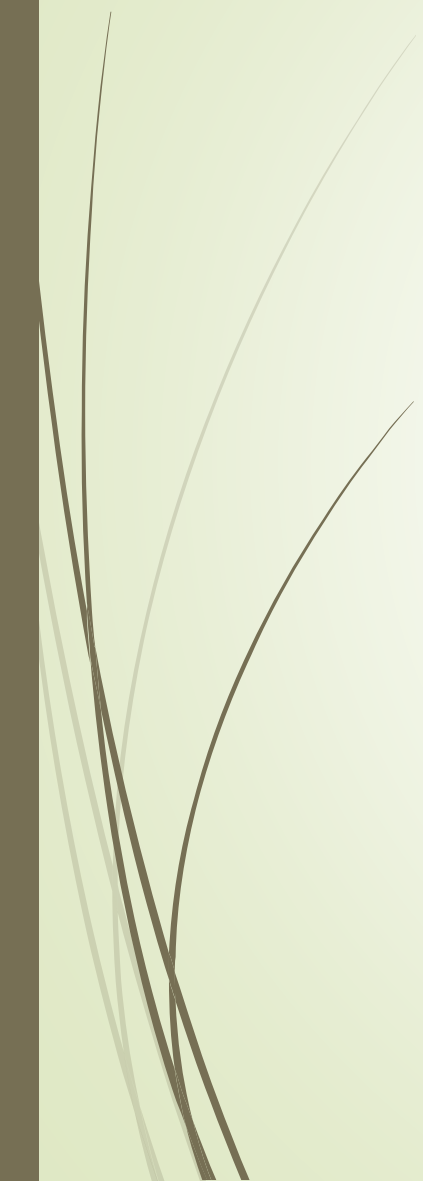


What information does not appear...

- Workers who are self employed
- Military
- Informally employed



Types of Reports

- 1. Area Profile Analysis generates results showing the location and characteristics of workers living or working inside the selected study area.
 - 2. Area Comparison Analysis generates results showing the count and characteristics of workers employed or living in locations contained by the selected study area. The "Areas to Compare" option determines the type of locations to be compared.
- 



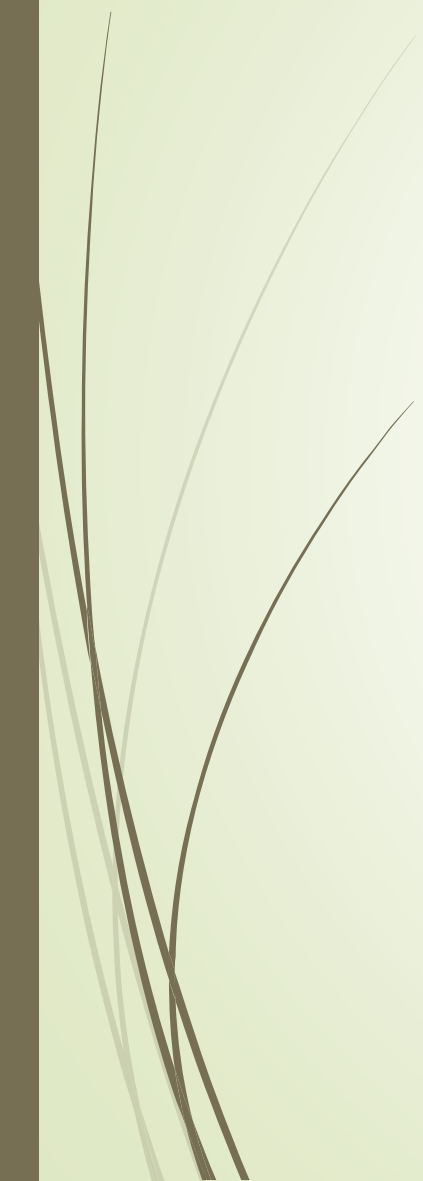
Types of Reports




- ▶ 3. Distance/Direction Analysis generates results showing the distance and direction totals between residence and employment locations for workers employed or living in the selected study area.
- ▶ 4. Destination Analysis generates results showing the home or work destinations of workers employed or living in the selected study area. Select the geographic destination type (i.e. counties, cities, tracts) using the "Destination Type" option.



Types of Reports (cont.)

- 5. Inflow/Outflow Analysis generates results showing the count and characteristics of worker flows in to, out of, and within the selected study area.
 - 6. Paired Area Analysis generates results showing the location and characteristics of workers that share the selected home and work areas.
- 



Steps in creating Maps and Reports

- 1. Search and choose a geographic area using Search tool in the Start tab.
- Click “Perform Analysis on Selection Area” in the resulting popup window.

OnTheMap

Start Base Map Selection

Save Load Feedback Previous Extent Hide Tabs

Start an analysis by using one of the tools below (Search, Import Geography, or Load .OTM file). Hover over the Help icons located throughout the application to see Help tips for using specific functionality. Sections in the control panel can be collapsed or opened by clicking the section title.

[2012 and 2013 Data Now Available \(7/06/2015\)](#)

Search

Rapid City Sd Search

Search All Names

States

No results found.

Counties

No results found.

Places (Cities, CDPs, etc.)

Rapid City city, SD

ZIP Codes (ZCTA)

No results found.

Metropolitan/Micropolitan Areas (CBSA)

Rapid City, SD

Workforce Investment Areas (WIA)

Rapid City MSA WIB

County Subdivisions

Rapid City city (Pennington, SD)

Rapid City East UT (Pennington, SD)

114th Congressional Districts

No results found.

Census Block Groups

No results found.

Census Tracts

No results found.

Unified/Elementary Schools Districts

Rapid City School District 51-4, SD

Secondary School Districts

No results found.

State Legislative Districts (Upper)

No results found.

State Legislative Districts (Lower)

No results found.

Alaska Native Regional Corp. (ANRC)

Rapid City city, SD

Places (Cities, CDPs, etc.)

Selection Area: 55,517 Sq. Mi
Census Blocks: 1,538

[Perform Analysis on Selection Area](#)

[Change Selection Area](#)
[Add Advanced Selection](#)



2. Select from the available data options in the Analysis Settings popup.

- Choose whether the selection area is a Home or Work area and select the desired Analysis Type (This includes choosing a set of Years and a particular Job Type). Click **Go!** to generate the analysis.

Analysis Settings

Area Profile Analysis in 2013 by Primary Jobs

Home/Work Area ?

Determines whether the selection area is analyzed on where workers live ("Home") or where workers are employed ("Work").

- ☐ Home
☒ Work

Analysis Type ?

Determines the type of results that will be generated for the selected area.

☒ **Area Profile**

Labor Market Segment:

All Workers ▼

☐ **Area Comparison**

Areas to Compare:

Places (Cities, CDPs, etc.) ▼

Labor Market Segment:

All Workers ▼

☐ **Distance/Direction**

☐ **Destination**

Destination Type:

Places (Cities, CDPs, etc.) ▼

☐ **Inflow/Outflow**

Note: Home/Work choice does not affect results

Year ?

Determines the year(s) of data that will be processed in the analysis.

- ☒ 2013
☐ 2012
☐ 2011
☐ 2010
☐ 2009
☐ 2008
☐ 2007
☐ 2006
☐ 2005
☐ 2004
☐ 2003
☐ 2002

Job Type ?

Determines the scope of jobs that will be processed in the analysis.

- ☐ All Jobs
☒ Primary Jobs
☐ All Private Jobs
☐ Private Primary Jobs

Cancel

 Go!


Inflow/Outflow Analysis

enter your own subtitle

▼ Display Settings

Labor Market Segment

Filter ⓘ

 [All Workers](#)

Year ⓘ

2013



▼ Map Controls ⓘ

Color Key



Flow Overlay



Selection Outline



[Identify](#)



[Zoom to Selection](#)



[Close Overlays](#)



[Animate Overlays](#)

▼ Report/Map Outputs ⓘ



[Detailed Report](#)




[Export Geography](#)



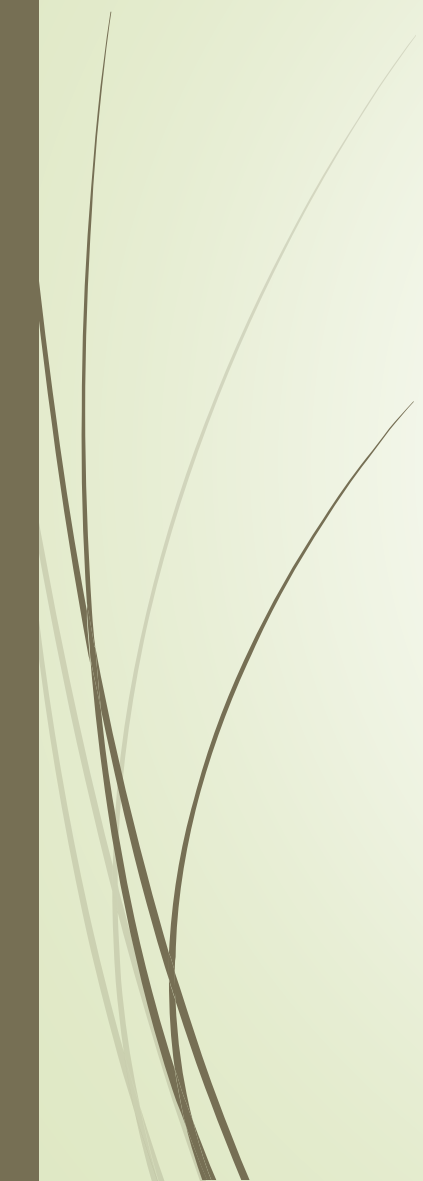
[Print Chart/Map](#)

Legends

- 3. View the maps, chart, and report and export the resulting data in the detailed report and/or map or chart format.



Now onto Bureau of Labor Statistics

- Principal fact-finding agency for the Federal Government in the broad field of labor economics and statistics
- 

AUG
19**CPI for all items rises 0.1% in July as food prices rise but energy prices decline**

On a seasonally adjusted basis, the Consumer Price Index for All Urban Consumers increased 0.1 percent in July after rising 0.3 percent in June. The index for all items less food and energy rose 0.1 percent in July, the same increase as in June.

[HTML](#) | [PDF](#) | [RSS](#) | [Local and Regional CPI](#)AUG
19**Real average hourly earnings unchanged in July**

Real average hourly earnings was unchanged in July, seasonally adjusted. Average hourly earnings was unchanged and the CPI-U rose 0.1 percent. Real average weekly earnings was unchanged over the month.

[HTML](#) | [PDF](#) | [RSS](#)

08/18/2014

July jobless rates up in 30 states, down in 8; payroll jobs up in 36 states, down in 13

08/15/2014

PPI for final demand rises 0.1% in July; services increase 0.1% and goods are unchanged

08/14/2014

U.S. import prices decline 0.2% in July while U.S. export prices are unchanged


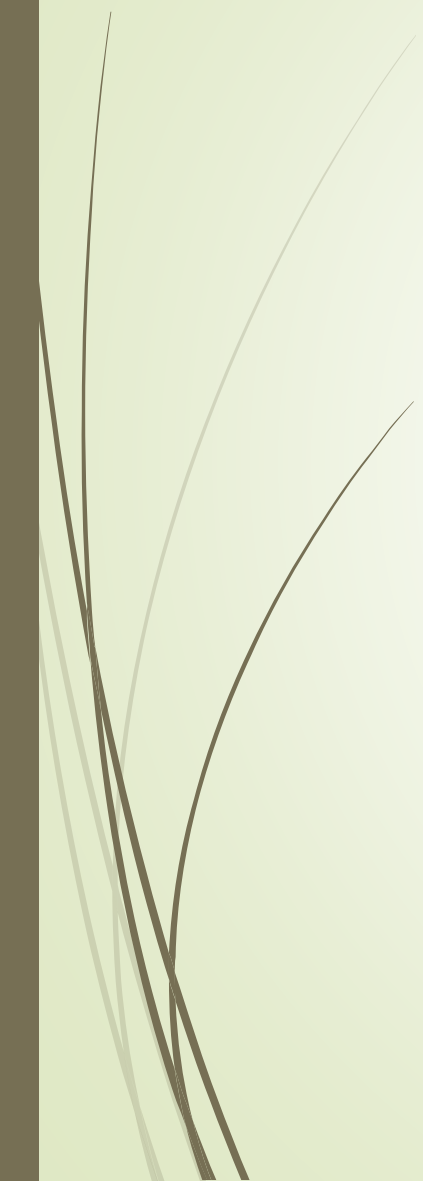
08/13/2014


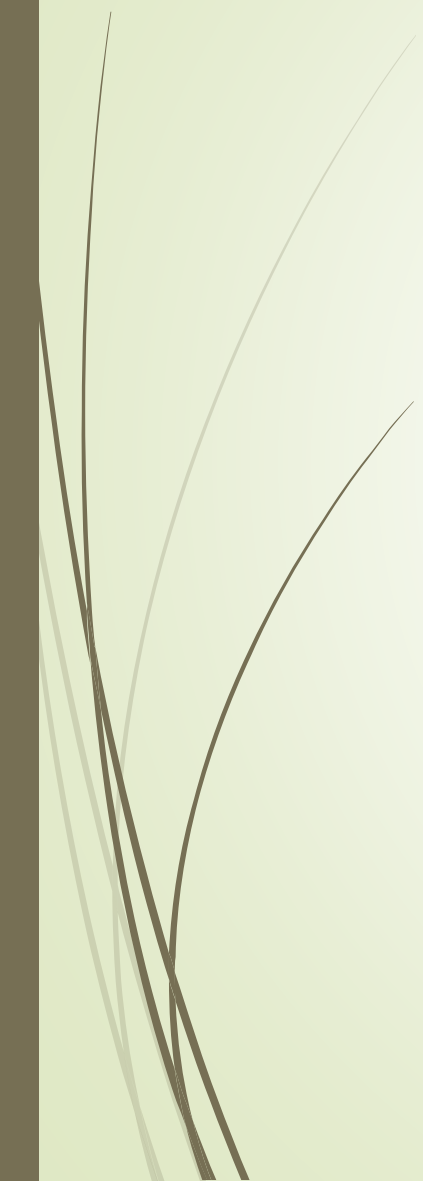
From April to July 2014, the number of employed youth rose 2.1 million to 20.1 million

08/12/2014

Job openings little changed at 4.7 million in June; hires and separations little changed[read more »](#)**BEYOND THE NUMBERS****Trends in producer prices between electronic and brick-and-mortar retail establishments**

This article compares the factors affecting changes in prices received by e-commerce and brick-and-mortar establishments for the sale of goods and services. [read more »](#)

- 
- 
- The Unemployment Rate- the number unemployed as a percent of the labor force.
 - Consumer Price Index (CPI)-measure of the average change over time in the prices paid by urban consumers for a market basket of consumer goods and services.

- 
- 
- **Producer Price Index (PPI)**- measures the average change over time in the selling prices received by domestic producers of goods and services. PPIs measure price change from the perspective of the seller.

Unemployment

Database Name	Special Notice	Top Picks	One Screen	Multi-Screen	Tables	Text Files
Rates & Levels						
Labor Force Statistics including the National Unemployment Rate (Current Population Survey - CPS)		 TOP PICKS	 ONE-SCREEN DATA SEARCH		 TABLES	 TEXT FILES
Local Area Unemployment Statistics (LAUS)	 SPECIAL NOTICE	 TOP PICKS	 ONE-SCREEN DATA SEARCH	 MULTI-SCREEN DATA SEARCH	 TABLES	 TEXT FILES
Layoffs						
Mass Layoff Statistics (MLS)	 SPECIAL NOTICE	 TOP PICKS	 ONE-SCREEN DATA SEARCH	 MULTI-SCREEN DATA SEARCH	 TABLES	 TEXT FILES



Exploring Bureau of Labor

- Screen 1- Choose state
 - Click “next form”
- Screen 2- Choose area type (statewide, county, city with population over 25,000)
 - Click “next form”
- Screen 3- Choose area (if county was chosen for screen 2, choose county)
 - Click “next form”

Exploring Bureau of Labor (cont.)

Local Area Unemployment Statistics

Your query has been narrowed to 4 series.

Choose Measure:

03 unemployment rate
04 unemployment
05 employment
06 labor force


Next form Reset form

- Choose the measure
- Unemployment rate:
 - Unemployed workers
* 100
Total labor force

$$\frac{\text{Unemployed workers}}{\text{Total labor Force}} \times 100$$

Local Area Unemployment Statistics

Series Id: LAUCN4601700000000003
 Not Seasonally Adjusted
 Area: Buffalo County, SD
 Area Type: Counties and equivalents
 State/Region/Division: South Dakota
 Measure: unemployment rate

Download:  [xlsx](#)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2004	8.8	8.3	8.3	5.7	6.5	10.1	10.8	18.6	18.3	14.0	11.3	10.0	10.9
2005	14.3	16.1	15.7	14.3	12.3	14.6	14.3	14.2	15.6	15.3	16.0	14.8	14.8
2006	11.3	10.6	10.1	10.4	9.2	15.8	16.1	17.7	17.4	16.3	17.0	18.2	14.2
2007	16.5	14.9	12.9	12.2	11.9	10.2	8.9	8.4	9.3	9.2	10.0	9.6	11.1
2008	8.4	8.4	7.0	6.1	7.7	9.3	10.0	10.9	11.4	12.2	12.8	13.5	9.9
2009	16.6(S)	18.2(S)	17.6(S)	14.3(S)	13.9(S)	14.7(S)	14.8(S)	15.2(S)	12.3(S)	16.2(S)	16.7(S)	17.9(S)	15.7(S)
2010	16.3(E)	17.6(E)	15.9(E)	12.7(E)	13.0(E)	16.3(E)	17.4(E)	16.4(E)	15.5(E)	13.7(E)	14.5(E)	15.8(E)	15.5(E)
2011	16.6(E)	15.2(E)	15.0(E)	13.8(E)	13.3(E)	16.8(E)	16.4(E)	15.7(E)	14.0(E)	14.2(E)	13.2(E)	13.0(E)	14.7(E)
2012	13.5(E)	13.4(E)	13.6(E)	11.7(E)	10.5(E)	12.6(E)	15.4(E)	14.9(E)	15.7(E)	14.8(E)	13.7(E)	14.9(E)	13.8(E)
2013	13.9(E)	14.1(E)	13.8(E)	12.8(E)	11.6(E)	14.0(E)	12.9(E)	13.3(E)	11.7(E)	12.0(E)	11.3(E)	11.1(E)	12.7(E)
2014	12.1	11.2	11.1	10.1	9.3	12.4(P)							

S : Reflects adjustment to new state control totals.

E : Reflects revised inputs, reestimation, and adjustment to new state control totals.

P : Preliminary.

Local Area Unemployment Statistics Map

States
(seasonally adjusted)

States
(not seasonally adjusted)

Counties

select a state:

South Dakota ▼

Select dataview type:

☒ Unemployment Rate

☐ 12 Month Net Change

Select Year:

2015 ▼

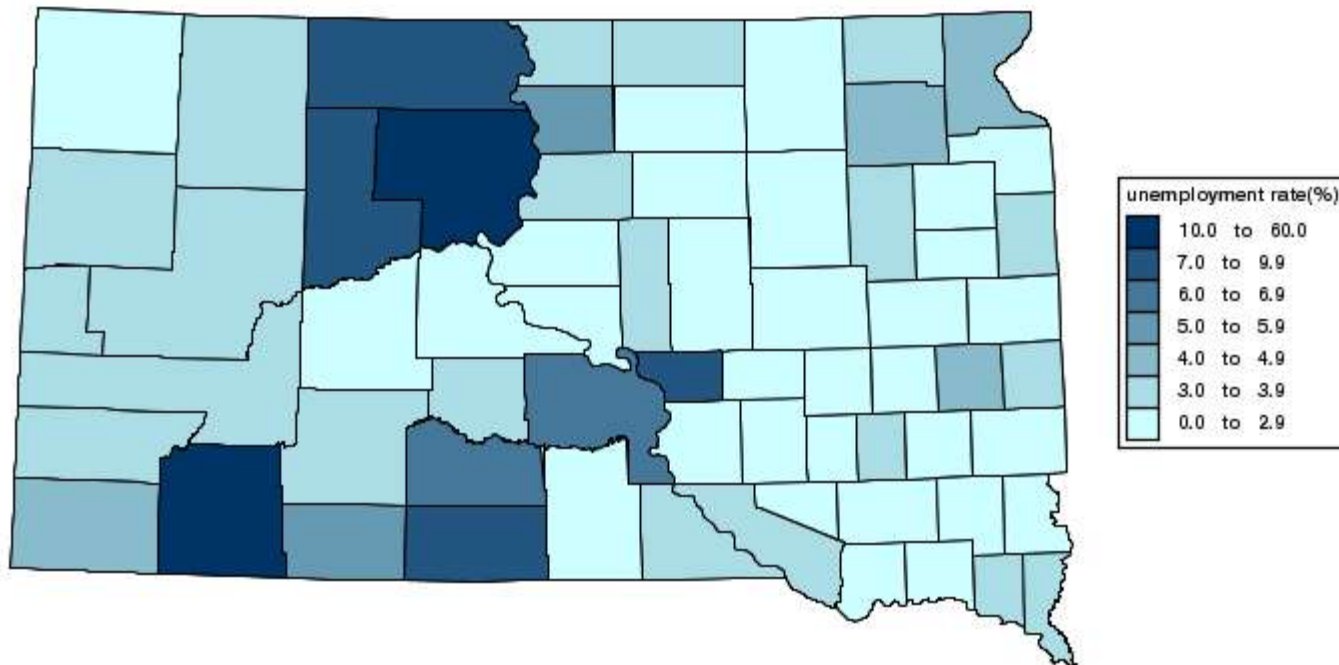
Select Month:

August ▼

Not Seasonally Adjusted

Draw Map

Unemployment rates by county, not seasonally adjusted, South Dakota August 2015



Viewing the AI Labor Force Report



2013 American Indian Population and Labor Force Report

**U.S. Department of the Interior, Office of the Secretary
Office of the Assistant Secretary – Indian Affairs**

January 16, 2014





Two Definitions



- Unemployed persons (Bureau Of Labor Statistics) Persons aged 16 years and older who had no employment during the reference week, were available for work, except for temporary illness, and had made specific efforts to find employment sometime during the 4-week period ending with the reference week. Persons who were waiting to be recalled to a job from which they had been laid off need not have been looking for work to be classified as unemployed.
- “Unemployed persons” (AI Labor Force Report) means only people who are not working and who are actively looking for a job. Unemployment does not simply refer to people who are not working. For example, people (ages 16 and over) who are not working but who would not be “unemployed” include people who are not physically able to work. Also excluded from the definition of unemployed persons are: (1) people who may be physically able to work but prefer not to work because they are already receiving income from other sources that allows them to prefer their current situation without wanting to get a job; (2) full-time students; (3) those who are home care providers to family members such as infants and small children; and (4) individuals who are institutionalized and thus unable to work, etc.